

MEETING MINUTES, FORMER NANSEMOND ORDNANCE DEPOT (FNOD) RESTORATION ADVISORY BOARD

To: Restoration Advisory Board members, interested parties
From: Ken Hafner, U.S. Army Corps Project Manager and RAB Co-chair
Re: Minutes of August 1, 2000 RAB meeting

RAB Members Present: Mr. Thomas O'Grady Ms. Cherie Walton Mr. David Saunders Mr. Stephen Cline Mr. Ed Wallingford Mr. Timothy Fink Mr. Rob Thomson Mr. Ken Hafner	Affiliation: City of Suffolk Reactivities Management Corporation Citizen GE VDOT TCC EPA Project Manager and Co-Chair
RAB Members Absent: Mr. Bruce Johnson Mr. Dave Taylor Mr. James H. Bennett Ms. Bea Rogers Mr. Dave Grimes	Citizen, Respass Beach Suffolk Fire Department Dominion Lands RAB Co-Chair VA DEQ

7:00 PM Introduction and Welcome/Call to Order (*Sandra Chaloux, CEC, Inc.*)
The meeting was called to order and RAB members and guests introduced themselves. There was a correction noted for the meeting minutes from last time referring to the company SYSCO not CISCO. Since the community co-chair was not present and there was a delay in getting started, the RAB members decided to postpone discussion of new prospective members until next time.

7:05 PM Project Update - (*Ken Hafner, USACE*)
Ken Hafner introduced himself as the new Project Manager for the Norfolk Corps of Engineers. Ken provided a handout that summarized the status of project activities.

Ordnance Removal Actions
The Ordnance Removal Action areas includes: the Main Burning Ground, TNT Removal Area, former Athletic Fields, Renovation Plant Area, former buildings L-11 and L-12, and former building E-410. Huntsville is providing the schedule for the Main Burning Ground removal action, and are compiling a list of anomalies and follow-up actions.

A RAB member asked if the Corps' effort was focusing on the UXB work at L11 and L12. Mike Klausmeier responded that the goal is to complete the soccer field TNT area before school starts, complete the James River Beachfront removal action, and to complete the L11 and L12 removal action. UXB has two crews, so parallel issues will be taken into consideration as time is available. Ken expressed concern over the removal action at the soccer field with school starting in 3 weeks, and wanted that issue to remain top priority. A representative from the contracting firm noted that work should begin in the next week.

Hazardous and Toxic Waste Removal Action Areas

In addition to ordnance removal action areas, three National Priorities List source areas are scheduled for removal actions, including the James River Beachfront, Nansemond River Beachfront, and Track K Dump. Another scheduled removal action is the removal of the two pesticide drums discovered in the triangle area.

James River Beachfront - A RAB member inquired about the James River Beachfront removal cleanup criteria. This area has been one of the EPA's highest concerns. The Corps completed an EE/CA study on the site in Spring 2000 to evaluate alternatives for addressing the area. A contract was awarded to Plexus Scientific through the Baltimore COE to remove the debris and associated contaminated soil, which will take approximately nine months to complete once the archaeological work is done. R.F. Weston assigned a toxicologist to develop cleanup criteria. It was submitted to the Corps on July 31. It will be forwarded to the regulatory agencies for their review by the end of August. Outstanding issues at this site include: clean-up criteria, completion of the archaeological investigation and investigation report, and submittal and approval of the removal action work plans.

After the debris and contaminated soil are removed from the James River Beachfront, the corps will still be monitoring the site. Ken responded that according to regulations, one upgradient well and two downgradient wells have to be installed. The results of those wells will be monitored by the Corps. The state and EPA can require the Corps to do some baseline statistical collection quarterly for the first two years, then annually or semi-annually after that.

Pesticide Drums - The two drums (which contain a trace amount of pesticides) are located in the triangle area and will be removed by the end of this month. Work plans for the effort have been submitted to the regulatory agencies.

Nansemond River Beachfront - Debris at this site will be removed at the same time as the James River Beachfront removal action.

Track K Dump - Work plans for removal at this site will be submitted to the regulatory agencies in late September 2000.

Investigation of NPL Source Areas

The NPL source areas include: the James River Beachfront, TNT Removal Area, Main Burning Ground/Steamout Pond, Horseshoe-Shaped Pond, and Track K Dump.

TNT Removal Area - The final work plan for this site is currently being reviewed by the regulatory agencies. Contractors will be performing groundwater sampling in the area in the Fall of 2000.

James River Beachfront & Horse Shoe Pond Remedial Investigation -was completed by R.F. Weston in the Spring 2000. The Phase I RI report will be forwarded to the regulatory agencies on August 25, 2000. Steve Cline requested a copy of the report.

Background Study - The background study was conducted in Spring 2000 by Roy F. Weston. Steve Cline asked if the RAB could see the draft status of the report, and Ken said that it wouldn't be a problem.

A RAB member asked if the site screening process was completed yet. The complete version will come out sometime between now and the next RAB meeting.

Areas of Concern (AOCs)

An Area of Concern is an area identified by EPA and others having the potential to be contaminated based on stressed vegetation, evidence of ground disturbance on historical aerial photography, information provided by previous employees or other related information. To date, approximately 20 areas of concern have been identified. A site screening process has been developed to evaluate each of these areas. The site screening process has been initiated at the following AOC's: Streeter Creek, FNOD Offshore Area, TCC Lake, and Area J Lake. Other AOCs will be addressed as funding becomes available. AOC priority is determined through consensus between EPA, VDEQ, and the Corps.

A member asked if the desk top audit report of the 20 areas of concern would be available to the RAB in October. Mike Klausmeier responded that they are not doing all twenty, and that the audit is only available for Area J Lake, TCC Lake, and Streeter Creek. The member asked if the list of the twenty areas was available. The list is contained within the draft

Site Management Plan. A list will be provided with the next meeting summary.

Status of Transformer Spill and Cleanup Action Plan

On GE land where UXB was doing their ‘mag and flag’ operation, another contractor was clearing some land and hit a free-standing, unconnected pole with a transformer on it. There were holes in the transformer, so when the transformer hit the ground, there was a spill. The transformer was wrapped up, the soil was dug up and picked up, and sand was laid down to absorb any spill excess.

Virginia Power came out to inspect the site, since the pole may be a Virginia Power pole. A final decision has not been made by VA Power if in fact the pole belongs to them. Based on sampling from VA Power and those from the Corps, it has been determined that there is not a PCB issue from the transformer incident. The only outstanding issues at this time are how the transformers and soil in the drums will be removed and disposed. It is currently being resolved.

Institutional Controls

The objective of this project is to develop an institutional control plan for land use controls for areas L-11, L-12, and E-410 with stakeholders. The first step will be to assess the residual risk for these areas. They are currently developing a land use control assurance plan to ensure that the land use controls remain effective. A partnering meeting will be held with the RAB to let them have some input into the process. The Corps will then evaluate proprietary controls, such as easements, covenants, and reversionary interests; and evaluate governmental controls such as permits, zoning, and restriction. The plan will then be presented to the public and stakeholders.

An institutional controls plan will then be developed as a site-specific plan, with risks being identified for each site. The plan will specify the risk management objectives by area. It will identify the agencies responsible for implementing, monitoring, and enforcing institutional controls; identify use of property, monitoring, and reporting requirements; and identify notification requirements, such as ownership and land use. The plan will also identify contingencies, by monitoring the protection of human health and the environment, as well as changes in regulatory standards or guidance.

A RAB member asked if projects under construction prior to the final institutional control plan are voluntarily following the draft plan. It will be up to individual property owners to monitor their site construction safety plans at their own discretion. There will be at least one project under construction by Bridgeway Companies within the former boundaries

of the Former Nansemond Ordnance Depot. This project is at the southeast corner of College Drive and Harbor View Boulevard.

A RAB member asked about the limitations and institutional controls for adjacent properties. Ken Hafner noted the institutional controls will vary per area. There are a number of areas of concern, with multiple types of solutions. What they are analyzing are the various impacts on the various parts of the land and trying to get everyone's input on them. The Corps does not want anyone to feel that they are trying to superimpose limitations on adjacent property owners.

James River Beachfront Update (Greg Tracey, SAIC)

Greg reported that his team went out to take a series of 30 core samples in the offshore area. They have been taken back to the laboratory and analyzed. The report generated from the data is called a Cleaning Level Risk Assessment and will contain a recommendation for environmental problems for them to be concerned with, or alternatively a recommendation for a baseline risk assessment. The nature of the report content will depend on the data that SAIC gets back, and they have not seen the current data yet.

Historic Preservation (Joseph Skibinski, SAIC)

The work that is being done in connection with historic preservation at the Nansemond Ordnance Depot is done following the requirements of the Historic Preservation Act. In May of 1998, human bones were observed sticking out from a road cut at the James River Beachfront. These bones were found to be Native American of origin, and from a very ancient time. It was necessary under the law of the Commonwealth to contact and notify the Virginia Department of Historic Resources. After consulting with the Nansemond Tribal Association and the Department of Historic Resources, SAIC decided to place a protective covering over the burial area.

The Department of Historic Resources became aware of the additional work being performed at Nansemond and contacted the EPA, requesting consultation on the activities. The consultation was to have taken place prior to the activities, so that Nansemond was aware of the proper procedure. Upon consultation, it was decided to prepare an archeological work plan that would determine the proper historic and archeological plan for all future activities performed at Nansemond. Work on the draft programmatic agreement is done, as far as the principal signatories are concerned. The agreement is a document that is subject to public input, and letters inviting participation in the consultation process have been mailed to a large number of people.

It was decided by the Nansemond Tribal Association, Norfolk Corps of Engineers and the EPA, that additional archeological work needed to be

performed around the site of the burial, to determine if further action needed to take place. That work was supposed to begin last week, but will now begin on Monday, August 7. It will take 10 days for technical fieldwork including spot excavation testing. Depending on the results of those tests, they will then determine if any further work must be done at the beachfront. SAIC hopes to have enough information by the end of August to have an idea of where the project will be heading.

A RAB member asked if the agreement only covers the beachfront area. Joseph responded that it covers the entire 900+ acres of the Former Nansemond Ordnance Depot. The member asked what will happen if a private landowner wants to disturb their own land near the burial site. The agreement does not exercise control over private landowners. If significant historical evidence is found to be located on private property, every effort will be made to try to convince landowners not to disturb the land.

A member asked what happens if they start finding bones in the beachfront during the cleanup. Joseph responded that there is a provision in the programmatic agreement for 'unexpected discoveries'. The cleanup will be subject to continuous monitoring no matter what the results of phase 2 are. If something unexpected is found, they will immediately consult with the Virginia Historic Preservation Society and the Nansemond Tribal Association if it is Native American in origin. An evaluation and action of the situation will be decided at that time.

A member asked how long it would take for all the groups to get together if something unexpected is found. Joseph noted that the archaeologist is generally very timely about being on site, however most of the other players can be problematic in being responsive. Response time also depends on what kind of item is found.

A member expressed concern over the problem of erosion during excavation. SAIC and the Corps noted that every step will be taken to prevent erosion from disturbing excavation and cleanup activities.

Status of E410, L11, and L12

The TNT removal area, former athletic fields, and renovation plant area are about 99% completed. The phase 2 test plots include E410, L11, and L12. The scheduling process includes data acquisition and reacquisition from E410, data reacquisition from L11 and L12, and QA/QC raw data and dig sheets. After the QA, they will receive the final dig sheets from Huntsville, and they will reacquire data for L11 and L12.

If one of the test plots has known buried projectiles, they will survey the plot with 3 different time gate chips at different depths and orientations. They will then run different kinds of equipment the plots to find out which

kind works the best, as well as use ground-penetrating radar and magnetometer. Millions of readings of data will be collected in the phase 2 areas.

The E410 area was found to have 550 to 600 targets, as the focus of the equipment was adjusted to detect very small particles. L11 and L12 are not completed at this time.

8:45 PM

Establish Action Items/Set Agenda & Date for Next RAB Meeting

Sandra Chaloux noted that she received a letter that Steve Cline is the new representative for GE on the RAB. Also, eight RAB applications have been received and sent to RAB members for review. Since the Community Co-Chair and alternate Co-Chair were not available, the vote for new RAB members was postponed until the next meeting.

The next RAB meeting was set for October 3, 2000. The agenda items for the next RAB meeting include:

- New RAB members
- New details of James River Beachfront removal
- Institutional controls
- Status of E410, L11 and L12
- Transformer Incident Update

9:00 PM

Meeting Adjourned

Guests Present:	Affiliation:
Mr. Harry Wheeler	Gannett Fleming
Mr. Ed Eaton	ERSC
Ms. Susan Starkey	Elizabeth River Soccer Club
Mr. Mike Klausmeier	Baker Environmental
Mr. Dennis Batts	Micropact Engineering
Mr. David Back	Micropact Engineering
Mr. Thomas Decker	Citizen – Burbage Grant
Mr. Harry Wheeler	Gannett Fleming
Mr. Joseph Skibinski	SAIC
Mr. Joseph Ferris	ALT Environmental Consultants
Mr. Greg Tracey	SAIC
Mr. Tim Thompson	Norfolk COE
Mr. Gary Colvin	City of Suffolk Parks & Recreation
Mr. Jorge L. Nadal	Norfolk USACE
Ms. Amanda Ralph	SAIC
Ms. Hilda J. Brock	USACE – Financial POC
Mr. Scott Emry	HRPDC
Mr. E. Brett Waller	VDOT - Suffolk
Mr. J. Patrick Fly	DEQ – VA Beach

Maj. Dave Sheets	Corps – Huntsville PM
Mr. Michael Smith	CLHNC-OE-S
Mr. Bill Hudson	USEPA Region III
Mr. Henry Adams	Citizen
Mr. Jim Costello	HydroGeologic
Mr. Darrell Hollowell	HydroGeologic
Mr. Marc D. Gutterman	Norfolk COE
Ms. Keri Robertson	Norfolk COE
Mr. Dewey Stinson	AMSEC, LLC